

WHAT IS CLAIMED IS:

1. For use with a reproduction apparatus with process stations for forming a toner particle image on a receiver sheet and fusing said image to
5 said receiver sheet, wherein the fusing station includes a fuser roller heated to a sufficient temperature to fuse toner to the receiver sheet, and a release agent metering station to apply a release oil to said fuser roller to substantially prevent toner particle offset thereto, said release agent metering station comprising:
a reservoir for holding a supply of release agent material;
10 an anilox roller, associated with said reservoir, having a surface with a plurality of metering cavities for holding metered amounts of release agent material from said reservoir; and
a donor member disposed in contact with said anilox roller and the fuser roller for transferring said metered amounts of release agent from said anilox
15 roller to the fuser roller.
2. The release agent metering station of Claim 1, wherein the donor member comprises a donor roller engaged with the fuser roller and with said anilox roller, said donor roller receiving metered amounts of release agent
20 material from said anilox roller and transferring said metered amounts of release agent to the fuser roller.
3. The release agent metering station of Claim 1, wherein the
25 release agent material is liquid.
4. The release agent metering station of Claim 2, further comprising a first doctor blade engaging the surface of said anilox roller to remove excess release agent material from said surface before said surface contacts said donor roller.
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5. The release agent metering station of Claim 4, wherein said first doctor blade is oriented in a direction opposing travel of said anilox roller.

6. The release agent metering station of Claim 4, wherein a portion of said anilox roller is immersed in the release agent material in said reservoir.

5 7. The release agent metering station of Claim 4, further comprising a second doctor blade oriented in the direction of travel of said anilox roller.

8. The release agent metering station of Claim 7, further
10 comprising a pad at each end of the reservoir.

9. The release agent metering station of Claim 8, wherein said doctor blades, said anilox roller, and said pads enclose said reservoir.

15 10. The release agent metering station of Claim 1, further comprising a conduit for supplying release agent material to the reservoir and an overflow port in the reservoir for discharging release agent material when the level of the release agent material exceeds a predetermined maximum level.

11. An electrostatographic reproduction process and release agent metering method to prevent toner particles from offsetting to a fuser member, comprising the steps of:

- 5 charging and selectively discharging a charge retentive member to create a latent image on the charge retentive member;
- applying toner particles to the charge retentive member to develop the latent image;
- transferring the developed image to a receiver sheet and fusing the
- 10 transferred, developed image to a receiver sheet wherein a fuser member is heated to a sufficient temperature to fuse toner to the receiver sheet;
- holding a supply of release agent material;
- passing an anilox roller with a plurality of metering cavities through the supply of release agent material in order to withdraw metered amounts
- 15 of release agent material; and
- transferring the metered amounts of release agent to the fuser roller.

12. The method of Claim 11, comprising the further step of
- 20 engaging the anilox roller with a donor roller and engaging the donor roller with the fuser roller for transferring the metered amounts of release agent from anilox roller to the fuser roller.

13. The method of Claim 11, further comprising engaging a first
- 25 doctor blade with the surface of the anilox roller to remove excess release agent from the surface of the anilox roller before said surface contacts the donor roller.

14. The method of Claim 13, further comprising engaging a
- second doctor blade with the surface of the anilox roller to remove contaminants
- 30 from the surface of the anilox roller before said surface contacts the donor roller.

15. The method of Claim 11, further comprising supplying release agent material to the reservoir, and discharging release agent material from the reservoir when the level of the release agent material exceeds a predetermined maximum level.